

Fig. 1

10017223 121401

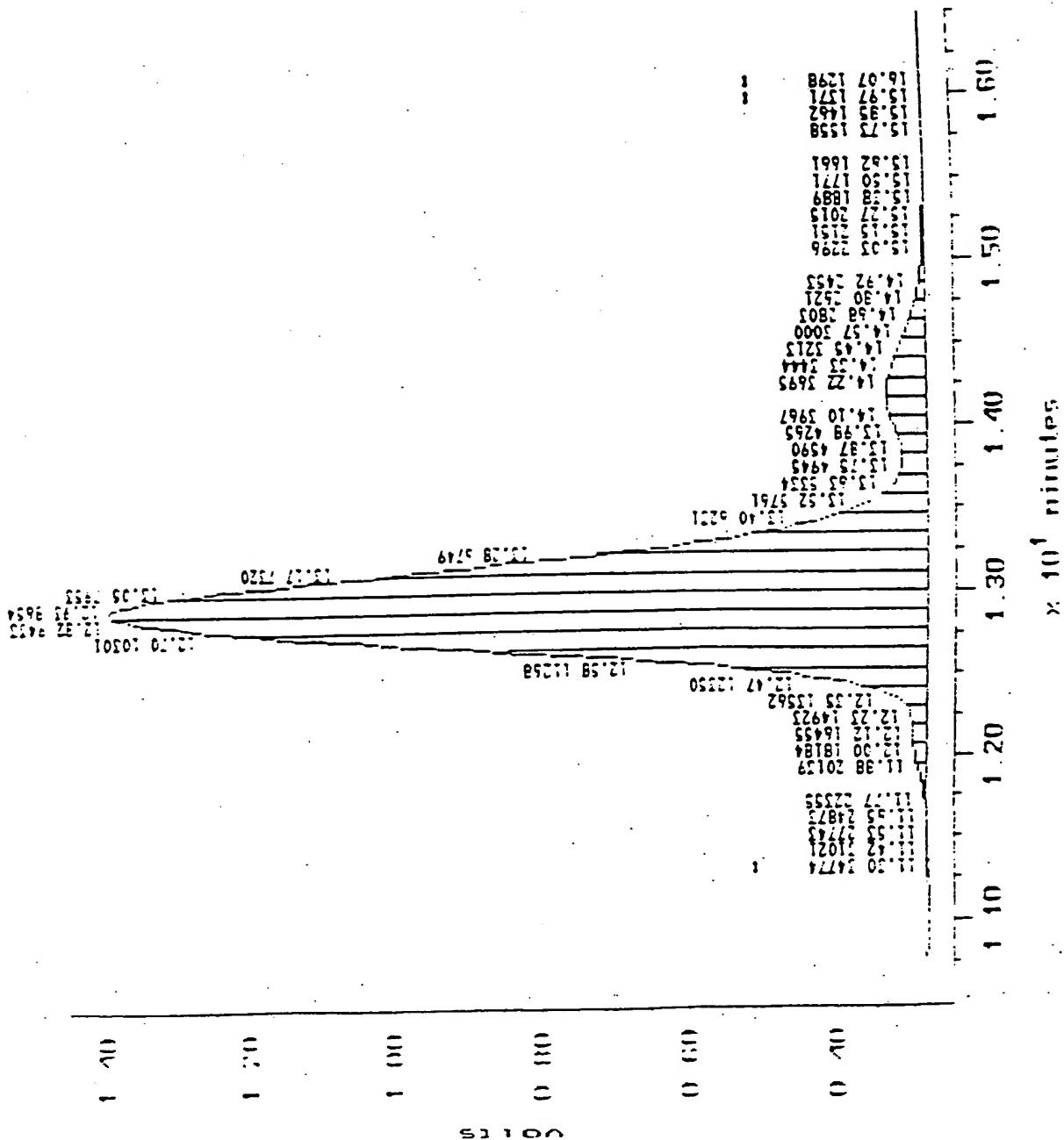


FIG. 2

4001323 4001323

FIG. 3

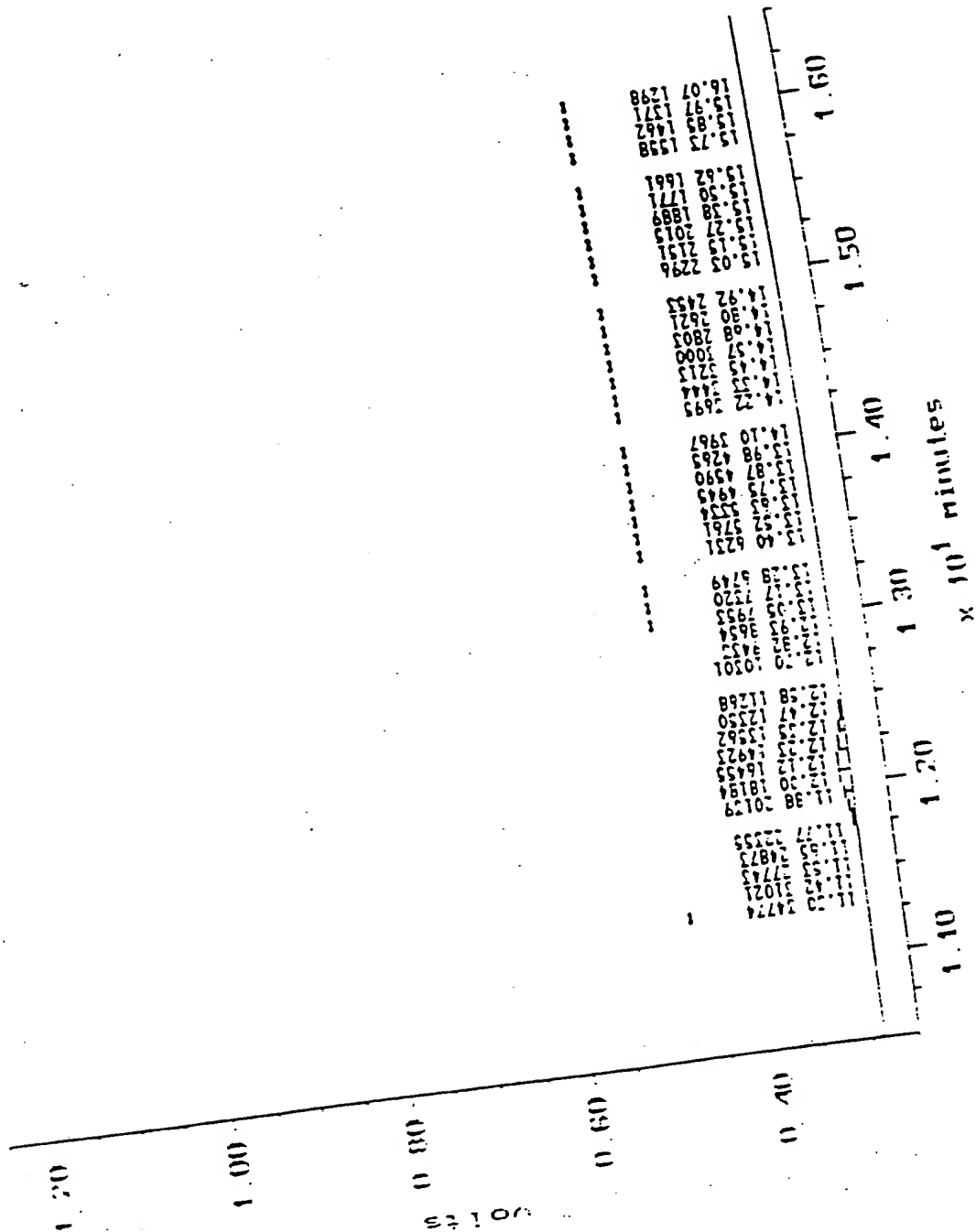


FIG. 4

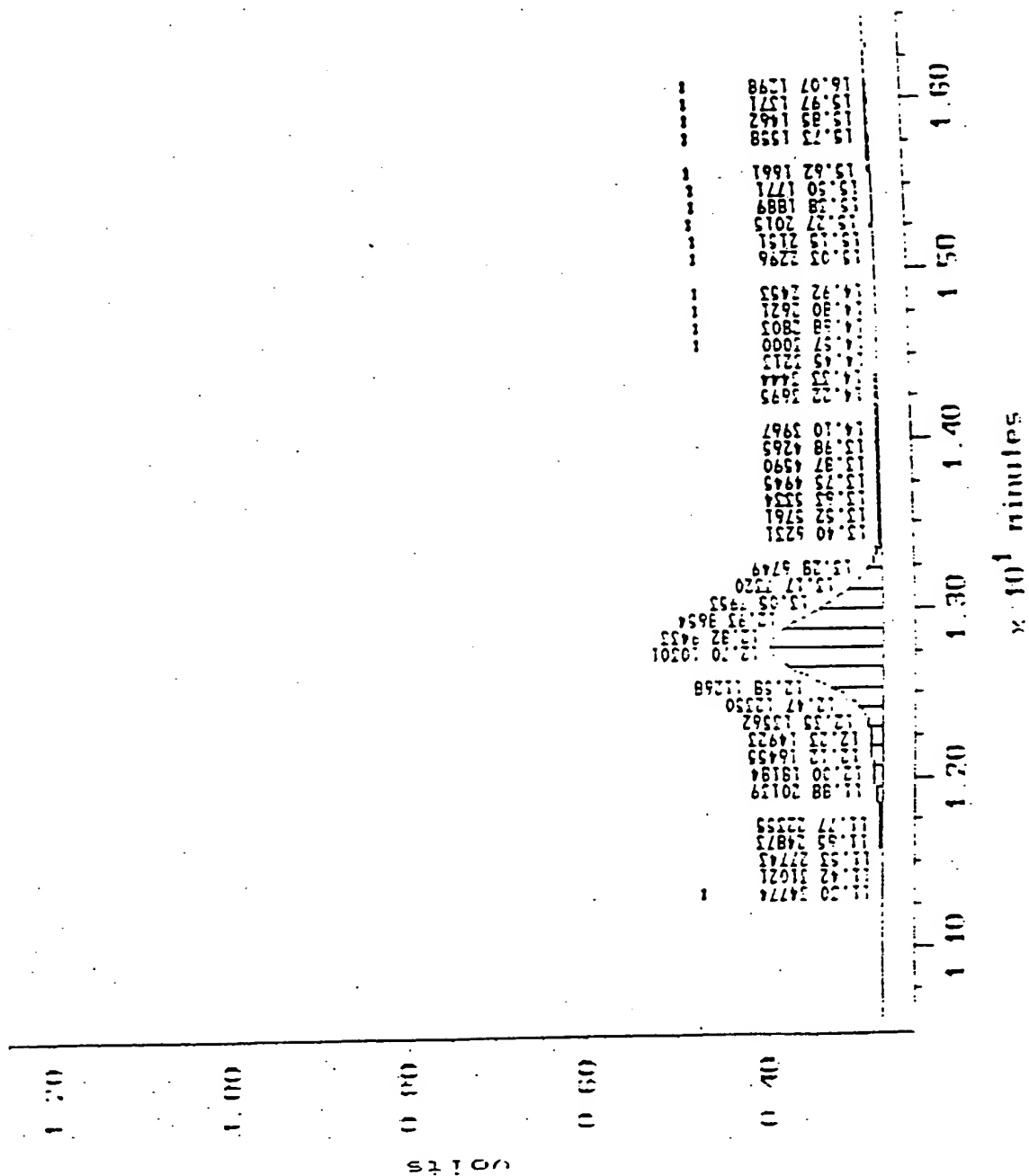
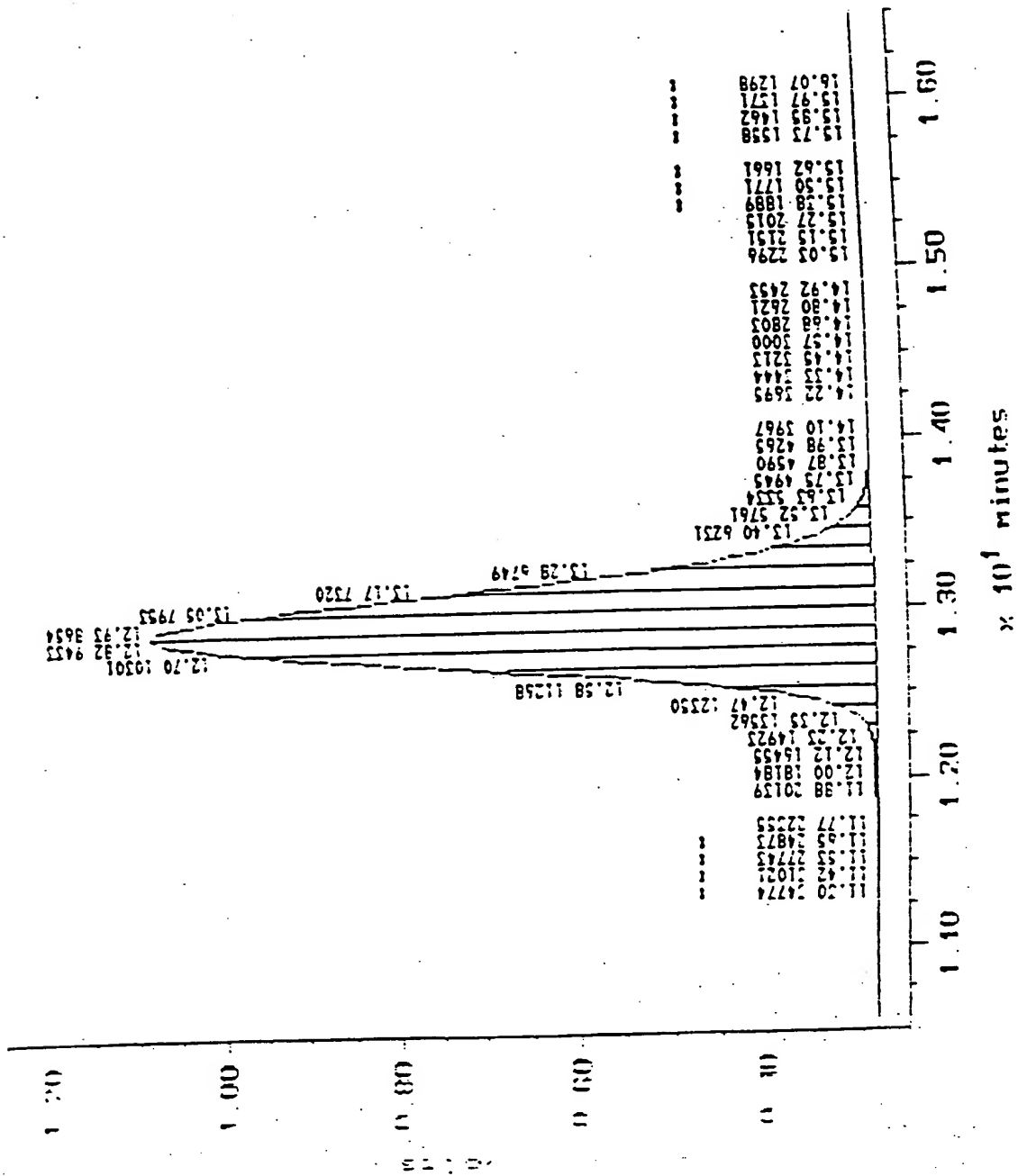
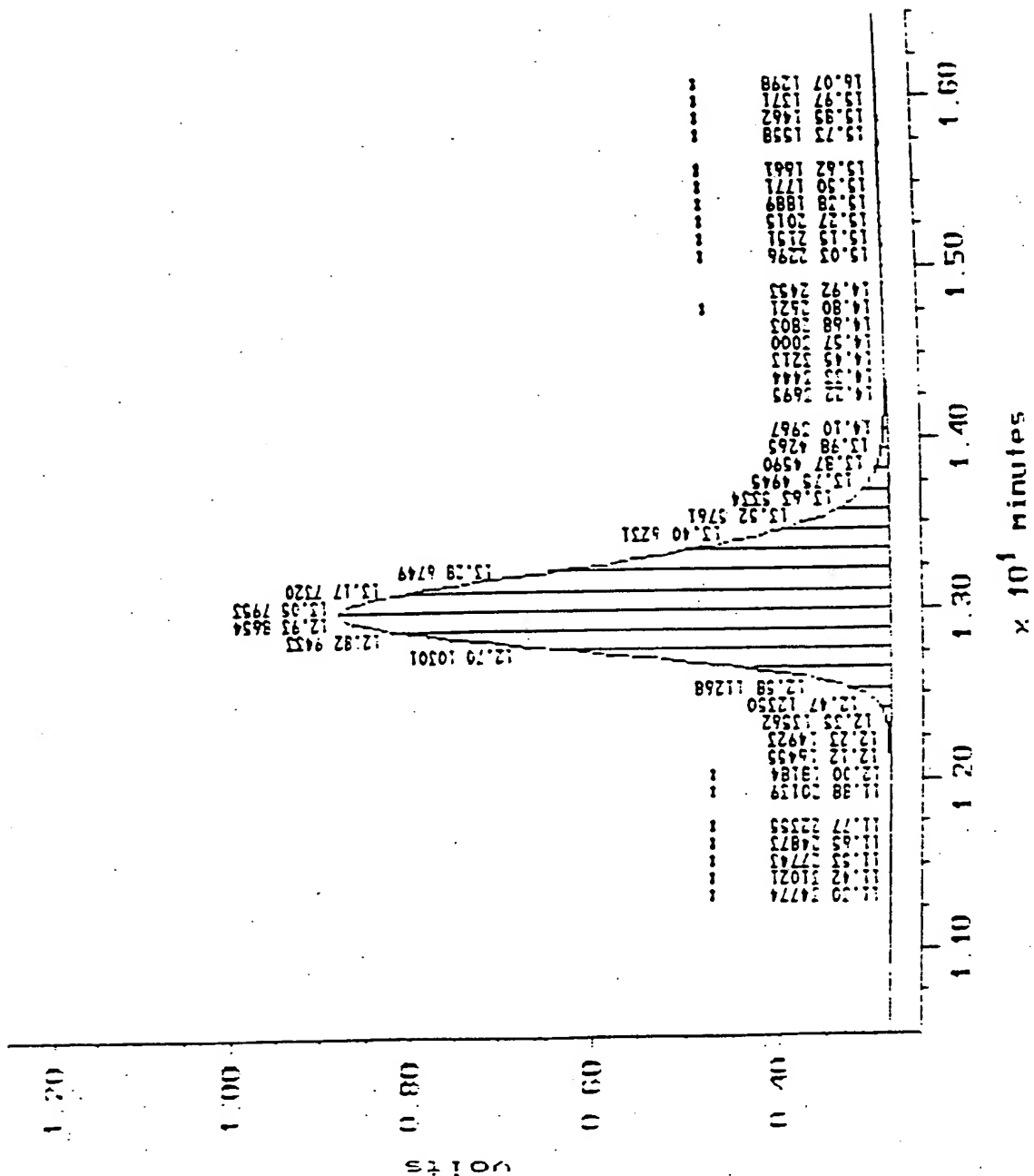


FIG. 5



10042234004

FIG. 6



1.20	1.00	0.80	0.60	0.40
------	------	------	------	------

	1.10	1.20	1.30	1.40	1.50	1.60
1	11.20	11.38	11.53	12.01	12.05	12.07
2	11.42	12.01	12.12	12.17	12.20	12.22
3	11.53	12.12	12.23	12.28	12.30	12.32
4	11.55	12.14	12.25	12.30	12.32	12.34
5	11.57	12.16	12.27	12.32	12.34	12.36
6	11.59	12.18	12.29	12.34	12.36	12.38
7	12.01	12.20	12.31	12.36	12.38	12.40
8	12.02	12.21	12.32	12.37	12.39	12.41
9	12.04	12.23	12.34	12.39	12.41	12.43
10	12.05	12.24	12.35	12.40	12.42	12.44
11	12.07	12.26	12.37	12.42	12.44	12.46
12	12.08	12.27	12.38	12.43	12.45	12.47
13	12.10	12.29	12.40	12.45	12.47	12.49
14	12.11	12.30	12.41	12.46	12.48	12.50
15	12.13	12.32	12.43	12.48	12.50	12.52
16	12.14	12.33	12.44	12.49	12.51	12.53
17	12.16	12.35	12.46	12.51	12.53	12.55
18	12.17	12.36	12.47	12.52	12.54	12.56
19	12.19	12.38	12.49	12.54	12.56	12.58
20	12.20	12.39	12.50	12.55	12.57	12.59
21	12.22	12.41	12.52	12.57	12.59	13.01
22	12.23	12.42	12.53	12.58	13.00	13.02
23	12.25	12.44	12.55	13.00	13.02	13.04
24	12.26	12.45	12.56	13.01	13.03	13.05
25	12.28	12.47	12.58	13.03	13.05	13.07
26	12.29	12.48	12.59	13.04	13.06	13.08
27	12.31	12.50	13.01	13.06	13.08	13.10
28	12.32	12.51	13.02	13.07	13.09	13.11
29	12.34	12.53	13.04	13.09	13.11	13.13
30	12.35	12.54	13.05	13.10	13.12	13.14
31	12.37	12.56	13.07	13.12	13.14	13.16
32	12.38	12.57	13.08	13.13	13.15	13.17
33	12.40	12.59	13.10	13.15	13.17	13.19
34	12.41	13.00	13.11	13.16	13.18	13.20
35	12.43	13.02	13.13	13.18	13.20	13.22
36	12.44	13.03	13.14	13.19	13.21	13.23
37	12.46	13.05	13.16	13.21	13.23	13.25
38	12.47	13.06	13.17	13.22	13.24	13.26
39	12.49	13.08	13.19	13.24	13.26	13.28
40	12.50	13.09	13.20	13.25	13.27	13.29
41	12.52	13.11	13.22	13.27	13.29	13.31
42	12.53	13.12	13.23	13.28	13.30	13.32
43	12.55	13.14	13.25	13.30	13.32	13.34
44	12.56	13.15	13.26	13.31	13.33	13.35
45	12.58	13.17	13.28	13.33	13.35	13.37
46	12.59	13.18	13.29	13.34	13.36	13.38
47	13.01	13.20	13.31	13.36	13.38	13.40
48	13.02	13.21	13.32	13.37	13.39	13.41
49	13.04	13.23	13.34	13.39	13.41	13.43
50	13.05	13.24	13.35	13		

FIG. 7

FOOT-222001

FIG. 8

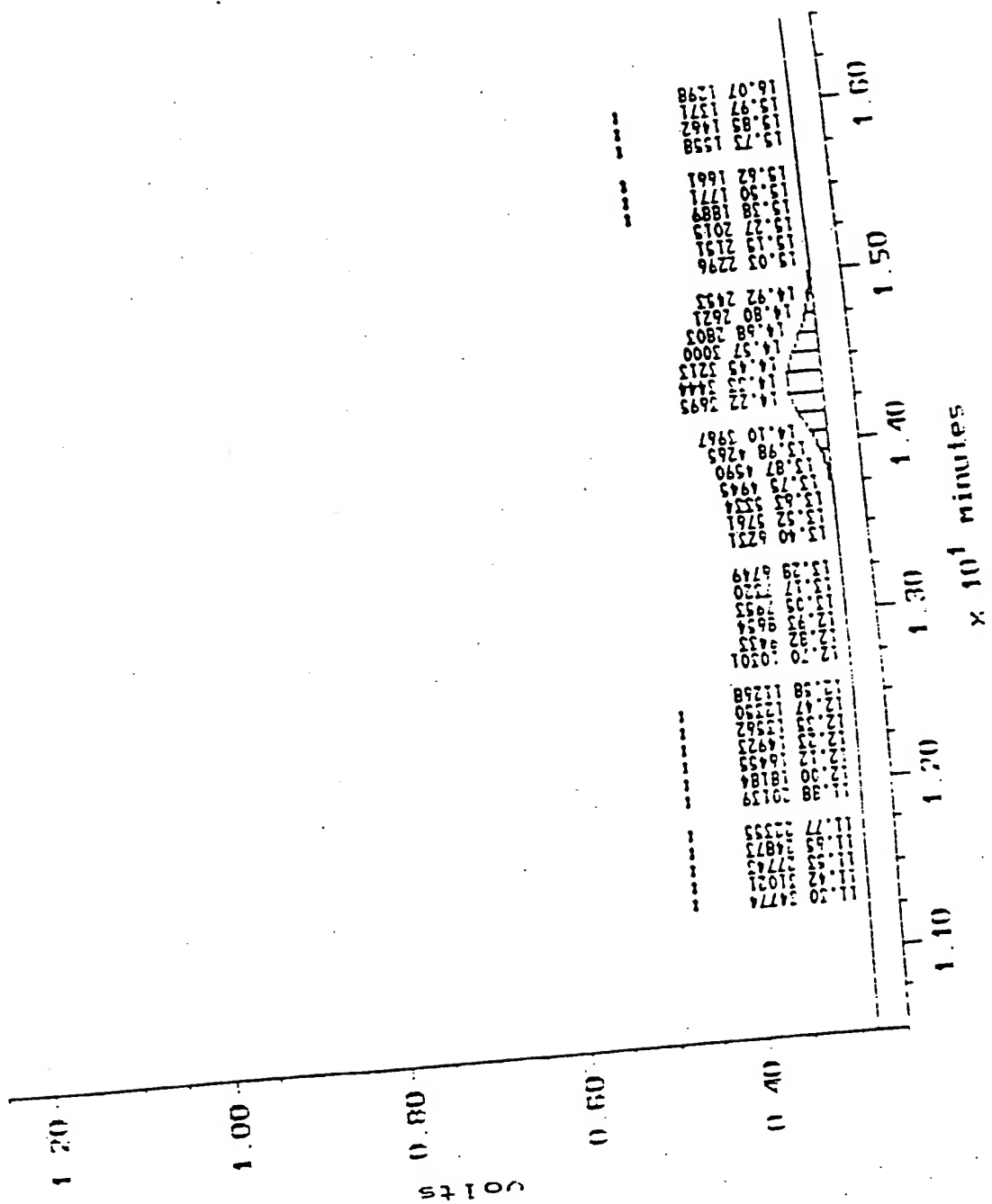
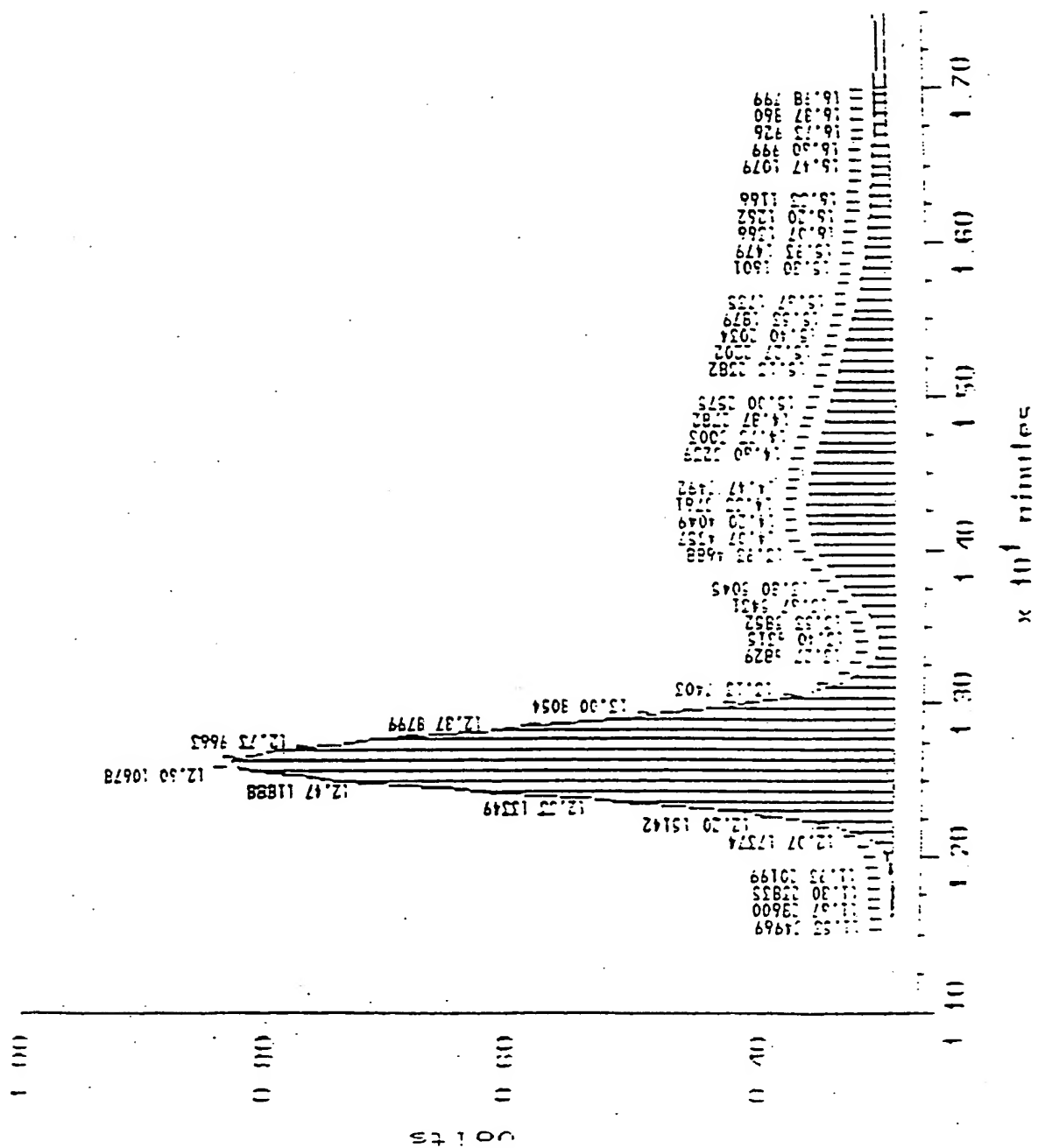




FIG. 9A



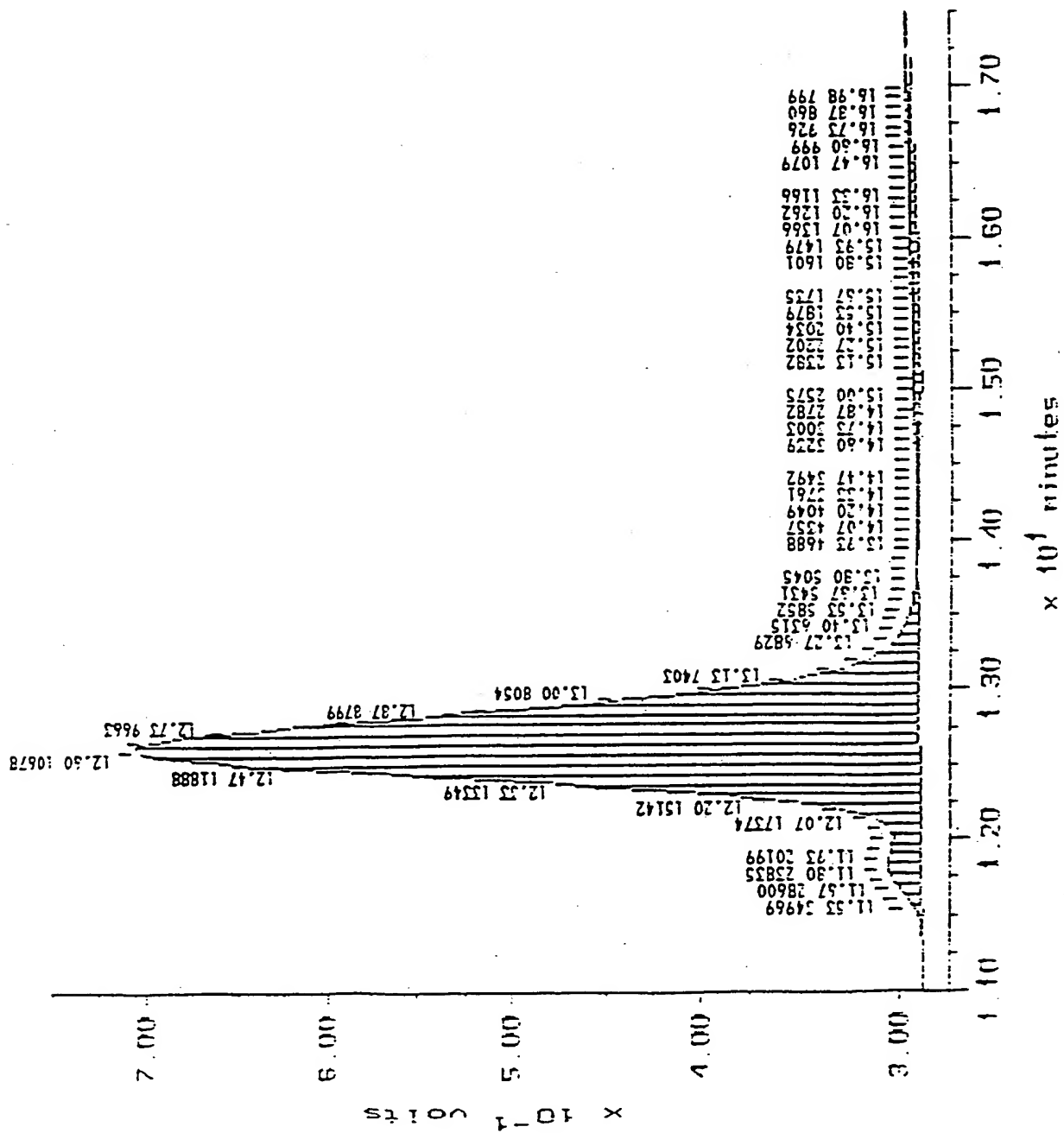
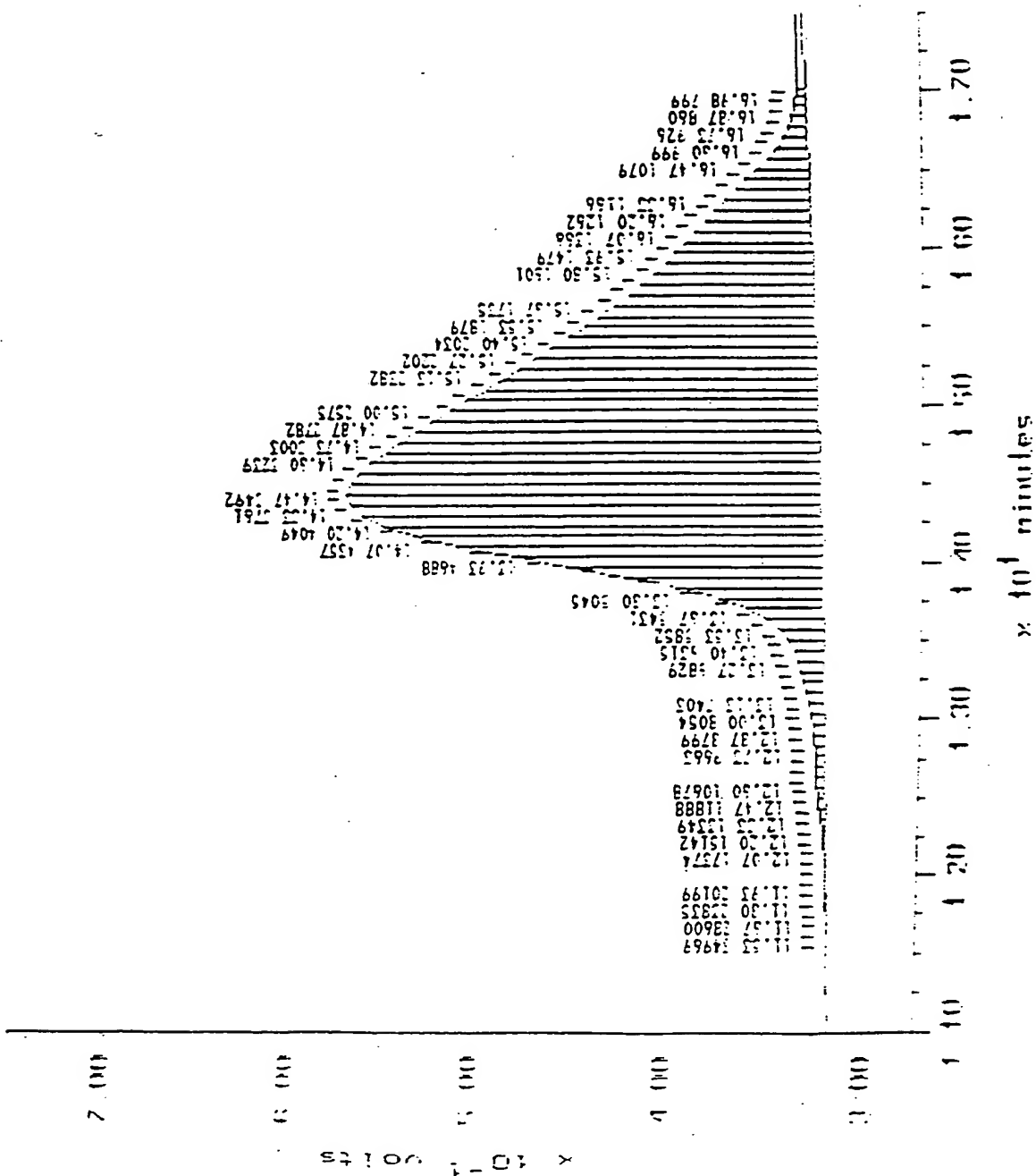


FIG. 9B

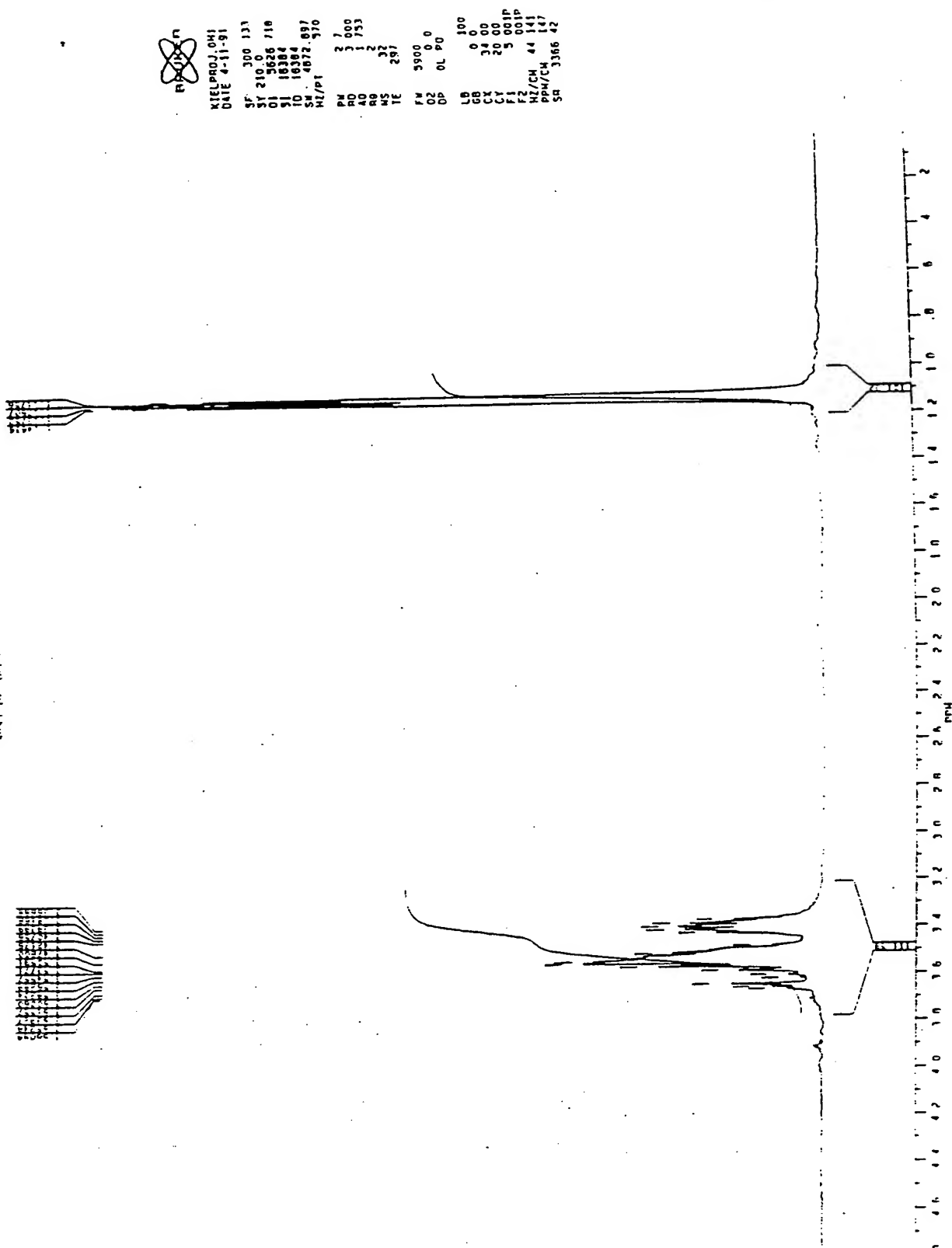
FOHET-EEZFOOT

FIG. 9C



FOOT 2000

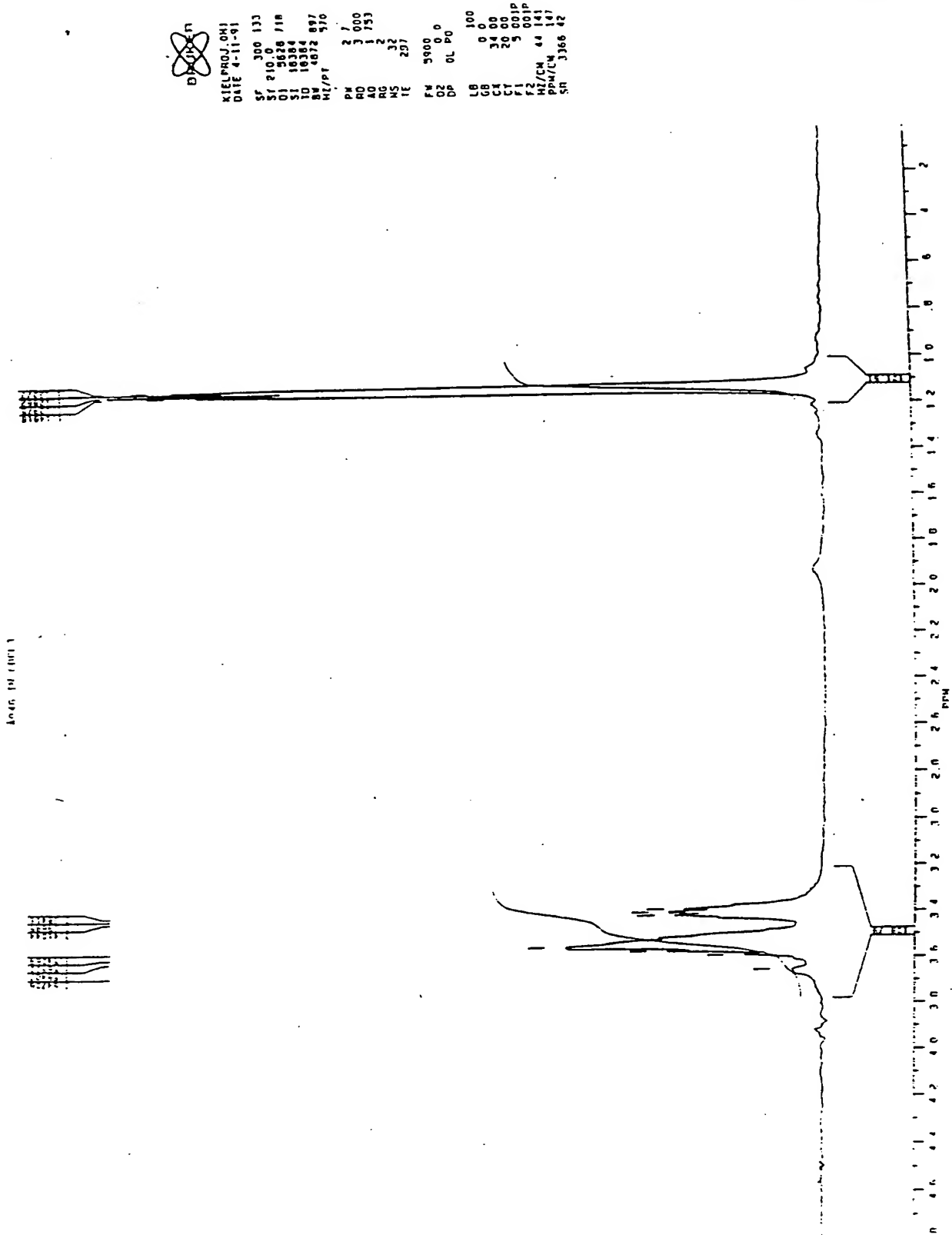
LOG 10 1000



PMR  
 KTELPROJ.OH1  
 DATE 4-11-91  
 SF 300 131  
 SY 210.0  
 OI 5626 118  
 SI 18384  
 ID 18384  
 SA 4872.897  
 HZ/PT 370  
 PH 7  
 PD 3 000  
 AD 1 733  
 RO 2  
 WS 32  
 TE 297  
 PW 5900  
 OZ 0  
 DP 0L PD  
 LB 100  
 CB 0 0  
 CK 34 00  
 CV 20 00  
 FI 5 001P  
 FZ 001P  
 HZ/CM 44 141  
 PPM/CM 147  
 SR 3386 42

FIG. 10A

FIG. 10B



SF 300 133  
 ST 210 118  
 Q1 1628 118  
 Q2 1628 118  
 Q3 1628 118  
 Q4 1628 118  
 Q5 1628 118  
 Q6 1628 118  
 Q7 1628 118  
 Q8 1628 118  
 Q9 1628 118  
 Q10 1628 118  
 Q11 1628 118  
 Q12 1628 118  
 Q13 1628 118  
 Q14 1628 118  
 Q15 1628 118  
 Q16 1628 118  
 Q17 1628 118  
 Q18 1628 118  
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 Q94 1628 118  
 Q95 1628 118  
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 Q97 1628 118  
 Q98 1628 118  
 Q99 1628 118  
 Q100 1628 118

10017223-121401

ready for entry

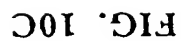
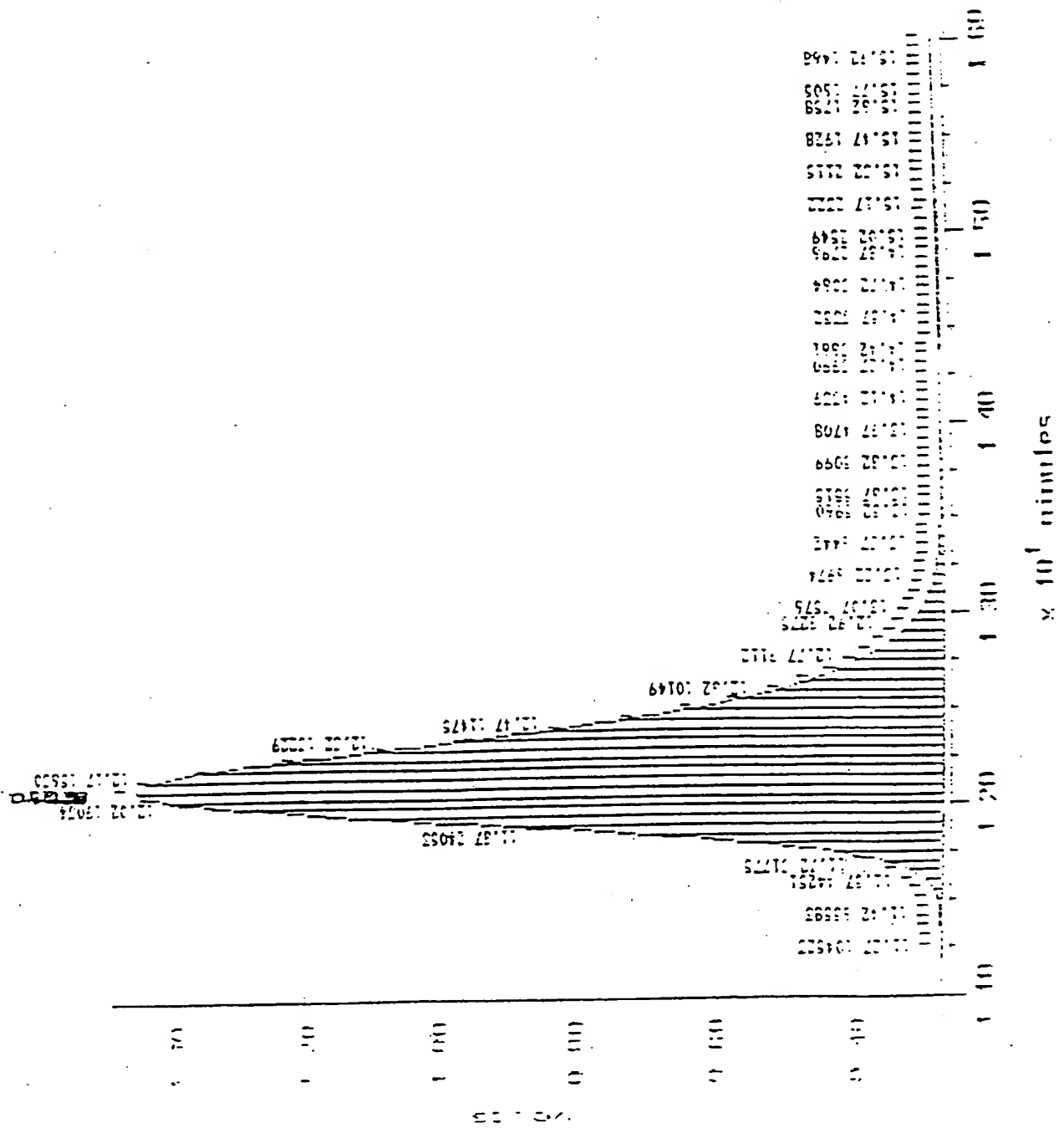


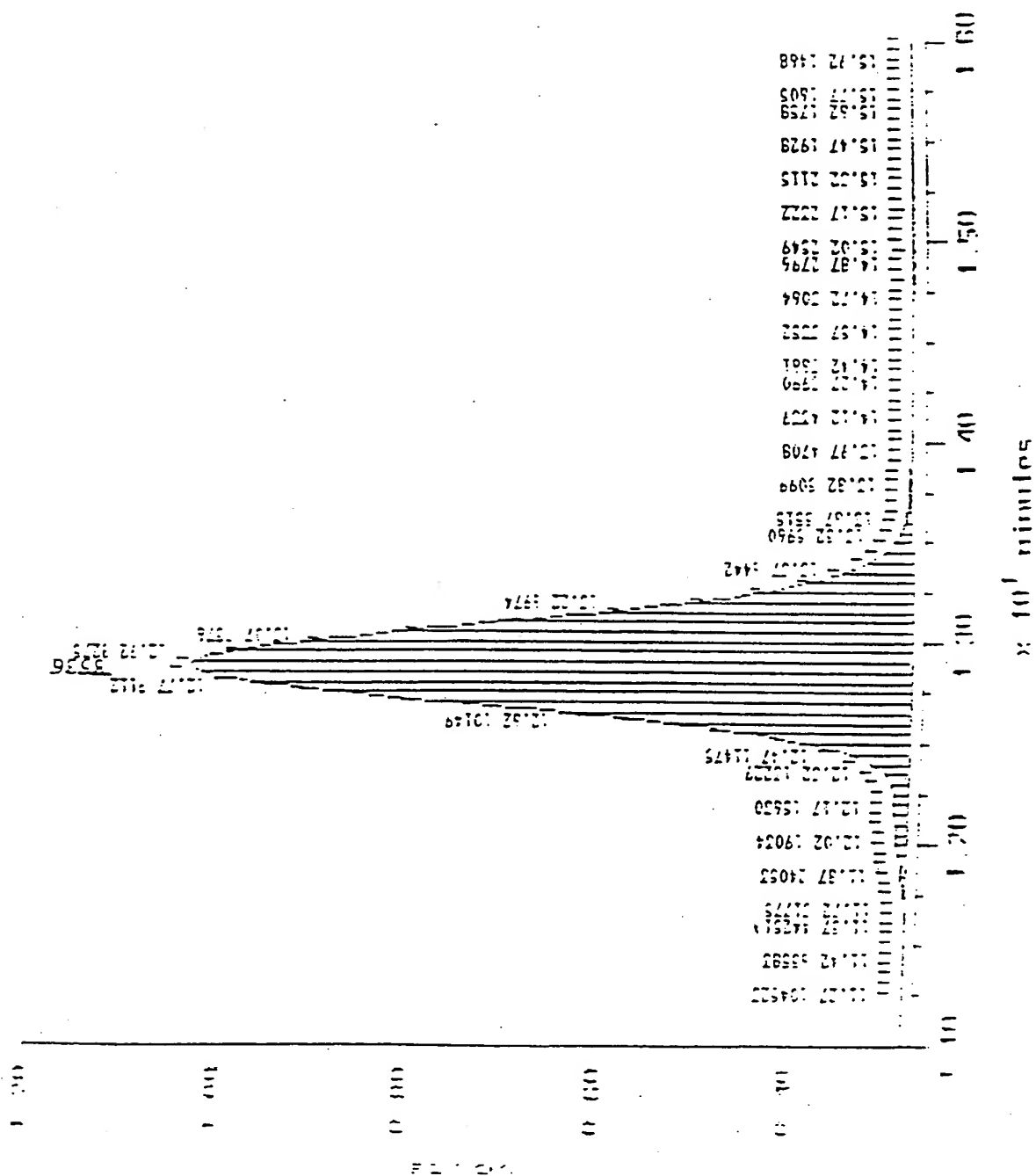
Figure 1. The 128-bit block cipher,  $E_{128}$ , and its inverse,  $D_{128}$ . The function  $f$  is the round function,  $K$  is the round key, and  $K^{-1}$  is the inverse round key. The function  $f$  is the round function,  $K$  is the round key, and  $K^{-1}$  is the inverse round key.

FIG. 11A



Year	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

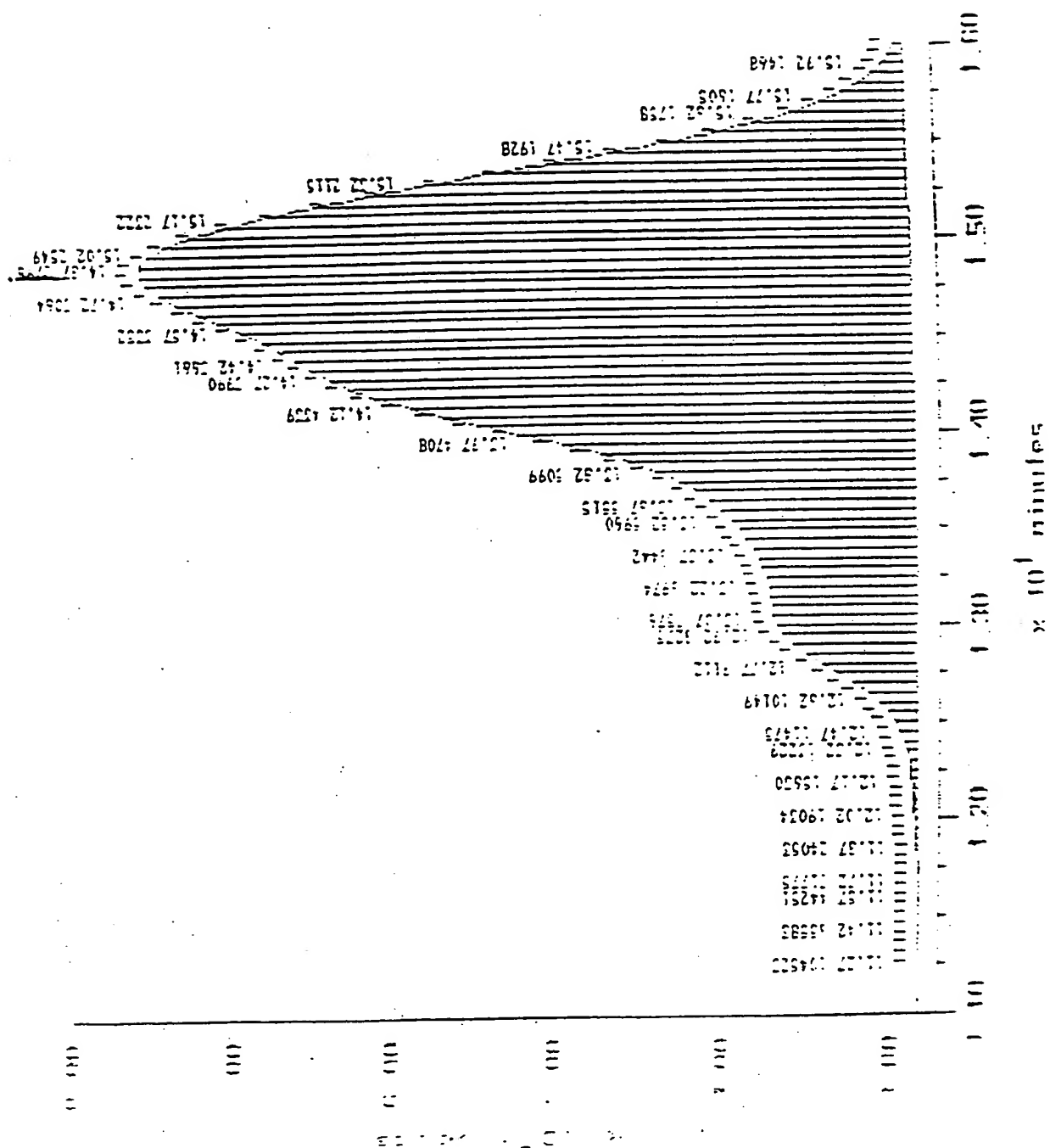
FIG. 11B





[illegible]

FIG. 11C



1001223 124404

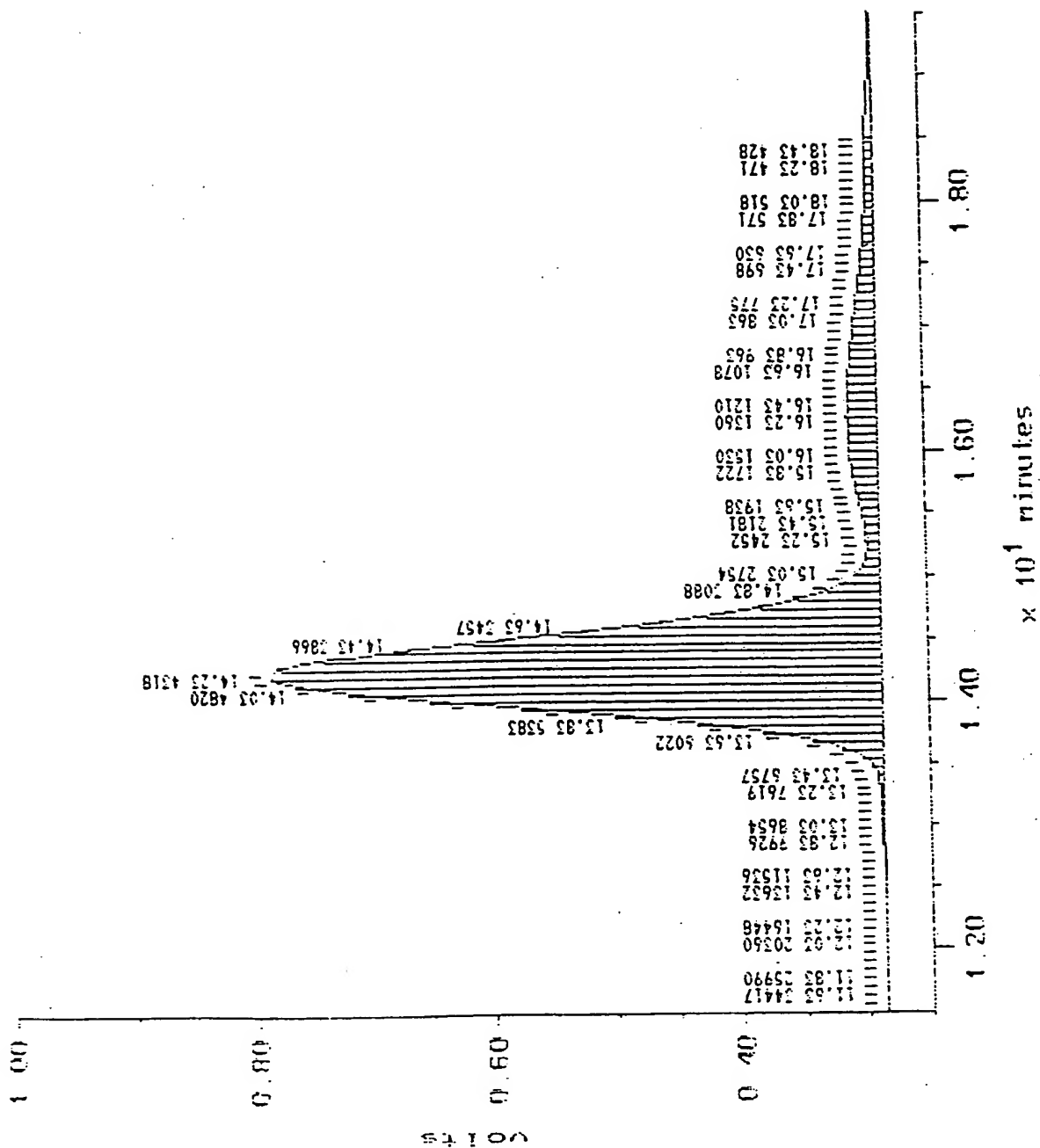
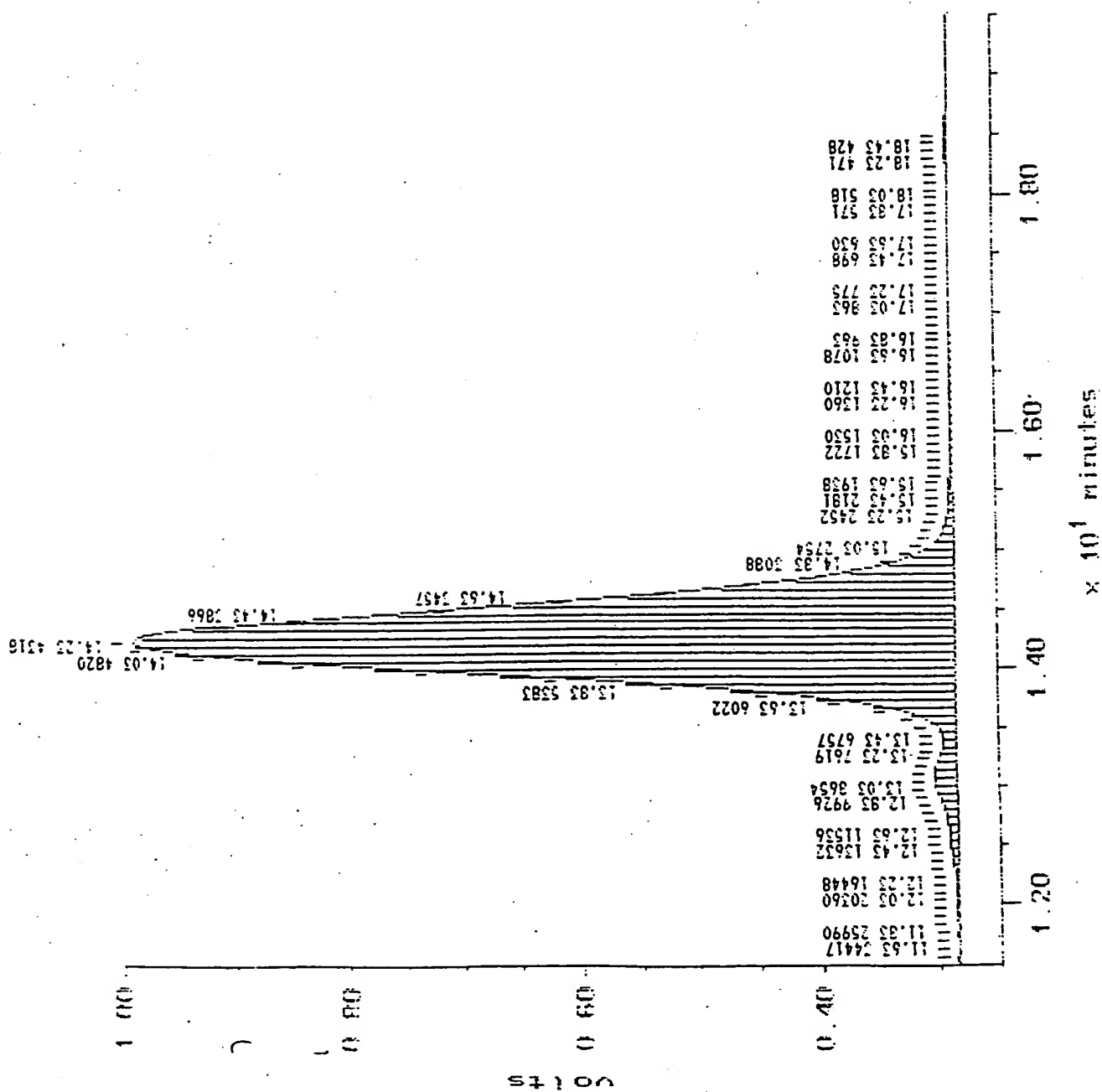


FIG. 12B

1001222-1101



1001223-121401

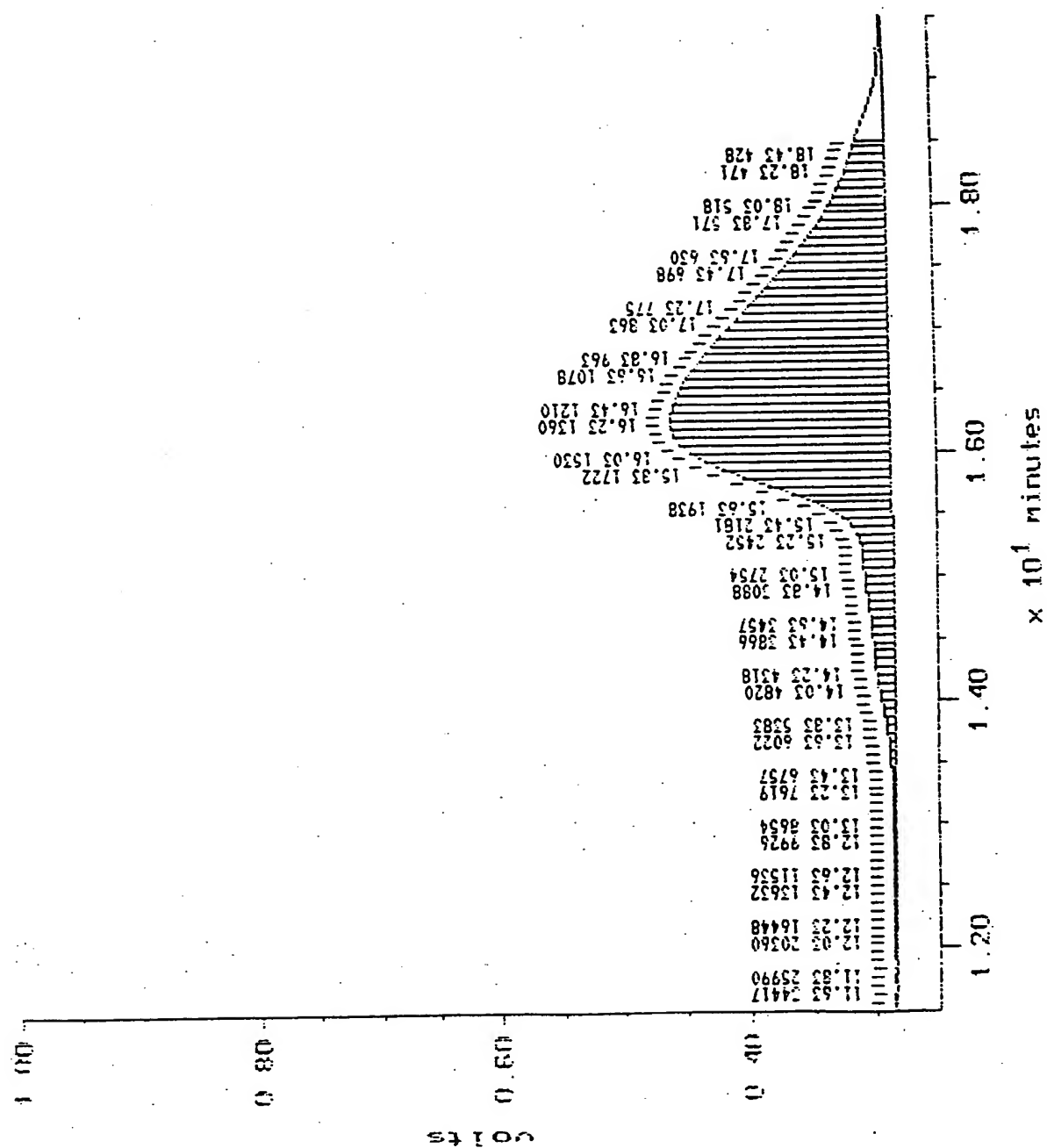


FIG. 12C